



Samsung created the DynaSound™ 20" TV to be the perfect television for playing video games. As a built-in compact home theater, the TXN2036F offers the highest quality audio to compliment the outstanding picture. The DynaSound™ TXN2036F delivers 20 watts of stereo sound from an exclusive combination of speakers, and cabinet construction, enabling the television to outperform anything in its class. The compact 20" Samsung DynaFlat™ anti-distortion, anti-glare flat picture tube is easier on the eyes. The right connections are included from DVD component inputs, front composite A/Vs, 2 sets of rear A/V jacks, and of course an S-Video connection. Grab a controller and let the games begin. Start the movie and get swept away. Feel the difference 20 inches of picture makes with 20 watts of audio in a DynaSound™ all-in-one home entertainment TV.

flat

TXN2036F

20" DynaSound™ TV Ideal for Gamers and Mini Home Theater Enthusiasts

TV/VIDEO

- DynaFlat™ TV Anti-Distortion, Anti-Glare Flat Picture Tube
- Full Sounding Side Speaker Design in Silver Cabinet
- DynaSound™ Audio System - Ideal for Gamers and Compact Home Theater Enthusiasts
- Velocity Scan Modulation Improves Edge Detail
- 2-Line Digital Comb Filter
- Color Temperature Adjustments
- INVAR Shadow Mask
- Universal Remote Control
- Convenient Front Panel Control Key Buttons for Accessing Menu Settings Without the Remote
- Normal & Zoom Screen Filling Modes

AUDIO

- Stereo Broadcast Reception
- 20-Watt Side Speaker DynaSound™ Stereo Audio System
- DynaSound™ High Performance Speakers
- Sound Enhancement Modes Including Standard, Movie, Music, Speech, & Custom
- Turbo Sound

CONNECTIONS

- DVD Component Input 480i (Y/Pb/Pr)
- 2 Rear A/V Composite Inputs
- S-Video Input Jack
- Fixed Audio & Video Outputs
- Front A/V Input (For A Game Console, a Camcorder, or Other Quick Connect Components)



DYNAtall

DYNAsound

All on-screen images are simulated pictures.
All features, specifications, model numbers subject to change.

SAMSUNG

flat TXN2036F

20" DynaSound™ TV Ideal for Gamers and Mini Home Theater Enthusiasts

TV/VIDEO

4:3 Aspect Ratio

Display Format 480i Interlaced

Full Sounding Side Speaker Design
(Silver Cabinet)

DynaFlat™ TV Anti-Distortion,
Anti-Glare Flat Picture Tube

2-Line Digital Comb Filter minimizes edge image artifacts while improving transition detail.

Maximum of 500 Lines Horizontal Resolution

Velocity Scan Modulation sharply defines edges and outlines by controlling the speed of transitions between the black and white portions of the signal.

INVAR Shadow Mask: An alloy material used for consistency of focus and brightness without sacrificing color purity.

Color Temperature Controls – Normal, Warm and Cool selectable with On-Screen Display.

4 Video Presets optimize the picture for the type of program being watched. Presets: Standard/Dynamic/Movie/Custom with user adjustable brightness, contrast, sharpness, color, and tint.

Dark Tint Picture Tube minimizes reflections and improves colors and picture contrast.

Dynamic Black Level Expansion & White Peak Limiter further improves picture contrast.

Auto Kine Aging Bias automatically regulates the white balance to maintain consistent, optimal performance even after many years of use.

Digital Video Noise Reduction can be used to improve picture quality.

181-Channel Synthesized Tuning

Tilt Correction allows for picture adjustments due to Earth's magnetic field.

Digital Chassis increases overall reliability.

CONVENIENCE

Convenient Front Panel Control Key Buttons for accessing menu settings

without the remote.

Universal Remote controls most brands of VCRs, DVD players and cable boxes.

Remote Surf™ Timer returns TV to original channel so other channels can be browsed during commercial breaks.

Previous Channel button permits switching back and forth between two channels.

Variable Sleep Timer to turn the TV off in varying time intervals.



Universal Remote



Front Jack Panel



Rear Jack Panel

2 Sets of A/V Composite Inputs: 2

Rear

Stereo Headphone Jack: Front

RF Input: Rear

QUALITY

Warranty: 1 year parts and 90 days labor warranty (90 days parts and labor for commercial use), backed by Samsung toll-free support.

Energy Star Compliant² reduces energy consumption by up to 25% compared with standard TVs.

SPECIFICATIONS

Picture Tube: 20" CRT measured diagonally

TV System: American NTSC standard color

Channel Coverage: VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

Antenna: CATV/VHF/UHF 75-ohm, F-type"

Audio Power: 10W x 2

Power Requirements: 120W AC, 60Hz

Power Consumption: 90W

(2.6W standby)

NET DIMENSIONS AND WEIGHT (WxHxD)

Monitor: 25.9" x 18.6" x 19.2"

Monitor Weight: 56.2 lbs.

SHIPPING INFORMATION (WxHxD)

Monitor: 29.1" x 23.2" x 22.8"

Monitor Weight: 65 lbs.

MONITOR

UPC: 036725220041

Order Code: TXN2036FX/XAA

¹Feature dependent upon broadcasting of information by local off-air TV and cable channels.

²An Energy Star partner, Samsung has determined that this product meets the Energy Star guidelines for energy efficiency. Energy Star is a registered trademark of the U.S. Environmental Protection Agency. Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate. All brand, product, service names and logos are Trademarks of their respective manufacturers and companies.

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CaptionVision (CC)¹ displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

V-Chip System¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

Easy Navigation with an On-Screen Menu Display that allows the user to make control setting adjustments.

Trilingual On-Screen Display English, Spanish or French.

Screen Filling Picture Modes: Normal and Zoom allows custom screen image fitting.

Plug & Play Setup uses automation and simple menus to select the source (broadcast or cable), set the clock, and map the active channels.

Auto Channel Programming memorizes only active broadcast and cable channels. Manual add/delete option included.

Clock with On/Off Timer.

Channel Labeling assign on-screen channel labels (e.g.-NBC, ESPN, VH-1).

Non-Volatile Memory preserves audio, video and menu settings during power outages.

Self Diagnostic System displays help messages to facilitate proper set-up and operation.

AUDIO

Stereo Broadcast Reception (MTS and SAP)

DynaSound™ Unique Design & Multiple Speaker Drivers deliver an outstanding full soundstage.

20-Watt Total Audio Sound System Surround Sound Mode

Preset Sound Modes include Standard, Movie, Music, Speech (focuses on dialog and reduces background), and Custom (allows detailed sound adjustments).

Second Audio Program (SAP) capability.

Auto Volume Leveler keeps audio volume consistent during channel changing.

Turbo Sound boosts high and low frequencies.

CONNECTIONS

DVD Component Input 480i (Y/Pb/Pr) connections allows for the best quality video hook up of a DVD Player. (Shared with S-Video and A/V composite input.)

S-Video Input : 1 Rear

A/V Fixed Monitor Output: 1 Rear

Front A/V Input (For A Game Console, a Camcorder, or Other Quick Connect Components.)

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